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MONTANA HIGHWAY DEPARTMENT

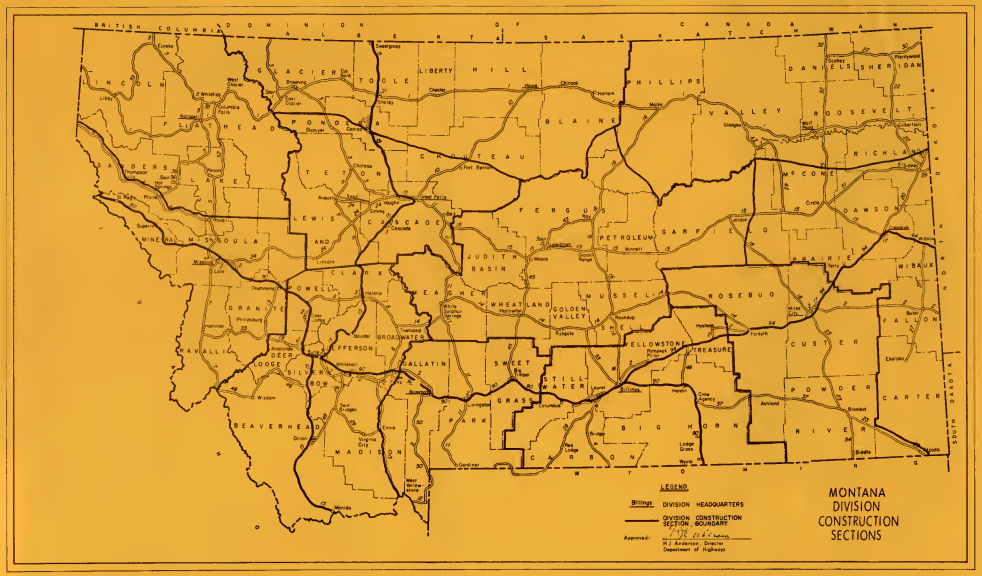
APR 25 '77
STATE DOCUMENTS

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

APRIL 18, 1977


BRITISH COLUMBIA
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BLAINE
VALLEY
ROOSEVELT
CHOUTEAU
RICHLAND
LAKE
TETON
MCCONE
LEWIS AND CLARK
CASCADE
FERGUS
GARFIELD
DAWSON
MINERAL
MISSOULA
PETROLEUM
PRAIRIE
JUDITH BASIN
WIBAUX
POWELL
MUSSELSHELL
ROSEBUD
GRANITE
WHEATLAND
GOLDEN VALLEY
FALLON
BROADWATER
YELLOWSTONE
TREASURE
CUSTER
MADISON
JEFFERSON
GALLATIN
SWEET WATER
STILL WATER
POWDER RIVER
CARTER
BEAVERHEAD
GRASS
BIG HORN
PARK
CARBON
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION SECTION CONSTRUCTION BOUNDARY
Approved:
H.J. Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
APRIL 15, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending April 15, 1977:

GENERAL

Skies have been partly cloudy, temperatures cool, and precipitation light the past two weeks. Progress has been fair on the active projects.

PRECONSTRUCTION

I 90-1(12)10, Saltese-DeBorgia
Length-10.8 Miles, Preliminary Engineering
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Two five man crews are running line and grade controls for interchange ramps on the project. Construction layout is 9% complete.

I 90-1(12), Drexel-East & West
Length-5.8 Miles
Menasco-McGuinn Associates
Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway-East & West
I 90-1(40)43-47, Superior-West
F 254(10), LaVista-Superior Primary
Henningson, Durham & Richardson
Helena, Montana, Consultants
Est. Comp. Date - July 30, 1977
Plans for the alignment review between Sta. 975+ and Sta. 1130+ were submitted to the MDH on the Sloway-East & West project on February 25, 1977. Work is continuing on right-of-way summaires and miscellaneous details on Superior-West. Corrections are being made on the Superior structures as a result of the meeting with the MDH on February 10, 1977. Summaries are being revised and work is underway on miscellaneous details for the mainline change by the C.M.ST.P. & P. railroad bridge. The roadway portion of the contract is 97.0% complete, bridge section is 99.9%, and the total contract as a unit is 97.0% complete. No report was received from the consultant this week.

I 90-1(77)22, Drexel-East & West
Length-5.342 Miles, Construction Staking
L.D. Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Construction Layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269, Stevensville — Allan Dutton, Field Project Manager
Length-0.5+ Mile, Preliminary Engineering — Missoula, Montana, Phone 549-6491
Work Started December 9, 1976 — Probable Completion Date-April 29, 1977
Five engineers worked nine days taking topog on street corners and cross-sectioning these side streets. Project is 85% complete.

F 90(8), Thompson Falls-East — Personnel Unassigned
Length-10.0 Miles, Preliminary Engineering
Work will be started when personnel are available.

F 93-1( ), Lolo Pass-Lolo Overlay — H.J. Smith, Designer II
Length-32.5 Miles, Preliminary Engineering — Missoula, Montana, Phone 549-6491
Work Started March 14, 1977
Design completed and will be submitted to Helena for final checking on April 15, 1977.

F 197(8), Dixon-Ravalli — Personnel Unassigned
Length-8.5+ Miles, Preliminary Engineering
Work will be started when personnel are available.

RF 215(27), Florence-Lolo, Add 2 Lanes — H.J. Smith, Desinger II
Length-8.5 Miles — Missoula, Montana, Phone 549-6491
Halo and line shift for the southbound centerline were completed and work then suspended as of February 23, 1977. The design is 15% complete. Personnel are currently working on F 93-1( ), Lolo Pass-Lolo Overlay and F 259(12), Hamilton-North revision.

RF 223(6), Plains-Paradise — C.W. Hegman, Field Project Manager
Length-6.9 Miles — Missoula, Montana, Phone 549-6491
Work has been suspended while personnel are on other assignments. The survey is 6% complete.

RS-DP 224(14), U-2, Reserve Street — C.W. Hegman, Field Project Manager
Structure over C.M.ST.P. & P. Railroad, — Missoula, Montana, Phone 549-6491
Approaches & Fencing
Contract scheduled for letting on April 28, 1977.

ROS 4144(52), U-5, East of Missoula — Personnel Unassigned
Bridge End Treatment
Contract scheduled for June, 1977 letting.

M 8107(1), Missoula Streets — Thomas L. Oertli, Field Project Manager
Length-0.8 Mile — Missoula, Montana, Phone 549-6491
Survey Started January 19, 1977 — Completed on March 2, 1977
Location Survey data forwarded to Helena on April 5, 1977.

M 8114 - Missoula
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

Personnel Unassigned

M 8199(3), Missoula Intersections
Preliminary Engineering
Work Started November 8, 1976
Work has been suspended.

Thomas L. Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Estimated Completion Date-Pending

CONSTRUCTION

I 90-1(80)0, Lookout Pass-East
Length-10.732 Miles, AGS-PMS-G. Rail-Sign
Contract awarded May 6, 1976
Amount of Contract-$5,359,580.07
Work Started June 30, 1975
Work Proceed Date-May 28, 1975

Northwest Construction, Inc.
Kirkland, Washington, Contractor
C.R. Owen, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-200 Working Days
Probable Completion Date-Mayl, 1977

The project as a while is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A 2 man engineering crew is compiling final data for submittal to the Division office about May 2, 1977.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
Saltese-Haugan & DeBorgia-East & West
Length-10.828 Miles, GR-AGG. SURF-PMB
Contract let December 14, 1972
Amount of Contract-$5,533,558.78
Work Started February 15, 1973

Washington Construction Company
Missoula, Montana, Contractor
Carl E. Smith, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-350 Calendar Days
Completed on August 12, 1976

Two engineers are compiling final data for submittal to the Division office about May 2, 1977.

I 90-1(77)22, U-1, Drexel-East & West
Length-455.0 Ft. & 638.0 Ft. Composite
Steel & Girder Bridges over the St. Regis River
Contract let July 2, 1975
Work Started August 19, 1975
Amount of Contract-$2,282,935.00

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
Jack Silvey, Engineer Tech. 3
Superior, Montana, Phone 649-2471
Probable Completion Date-May 20, 1977
Contract time-140 Working Days

Approximately 99% of the miscellaneous structural steel has been unloaded at the Missoula maintenance storage site. The project as a whole is 97% complete with all of the contract time elapsed. Two men have worked shifts of various lengths. Construction layout, with two engineers engaged, is 79% complete.

I 90-1(77)22, U-2, Drexel-East & West
Length-0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of contract-$1,453,180.88
Work Started July 6, 1976
Work Proceed Date-July 6, 1976

Washington Construction Company
Missoula, Montana, Contractor
L.D. Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-120 Working Days
Work Completed-December 7, 1976

Final data will be submitted to the Division office about May 1, 1977.

I 90-1(77)22, U-3, Henderson Interchange
Length-138.0 Ft. Prestressed Concrete Girder Overpass
Contract let November 19, 1976
Amount of Contract-$292,648.99
Work Not Yet Started
Work will be started when weather permits.

Sletten Construction Company
Great Falls, Montana, Contractor
William Maart, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-135 Working Days
Probable Completion Date-November 15, 1977

I 90-1(77)22, U-5, Drexel-East & West
Structures at Sta. 241+61 & 251+80 & Grading
Contract let February 24, 1977
Amount of Contract-$1,102,551.98
Work Not Yet Started
Contractor plans to start work on the detour the first part of April. A three man survey crew is engaged in re-establishing center line and staking on detour.

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
William Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-200 Working Days

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Concrete Girder Bridge, 376 Ft. Composite Steel over St. Regis River & Grading Detour Road
Contract let March 31, 1977
Amount of Contract-$1,007,222.56
Work Not Yet Started
The contractor has requested a preconstruction conference to be held on April 20, 1977.

Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
Superior, Montana
Contract Time-250 Working Days
Probable Completion Date-Unknown

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. Surf-PMB-Sign & Flasher Installation
Contract let December 16, 1976
Amount of Contract-$2,836,425.90
Work Proceed Date-April 18, 1977
Work Started January 25, 1977
The contractor is presently clearing the left side of the west bound lane. The east bound and the right side of the west bound is presently cleared. He is also stripping top soil from Sta. 700+00 to 740+00 east bound as weather permits. The crusher started crushing Type A Gr. 5 material on 3/29/77 and is presently placing the material in a stockpile. The project as a whole is 7% complete with 0% of the contract time elapsed. Fourteen men are working on eight 10-hour shifts per week. Construction layout, with a 12 man engineering crew engaged, is 40% complete.

Washington Construction Company
Missoula, Montana, Contractor
L.D. Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-220 Working Days
Probable Completion Date-December 15, 1977

I 90-1(78)45, Superior-West
Length-544.5 Ft. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract-$1,084,707.40
Work Started August 25, 1975
Work during the past weeks has consisted of forming deck on spans 1, 2, 3, and 4. The project as a whole is 77% complete with 72% of the contract time elapsed. Thirteen men are working five 8-hour shifts per week. Construction layout, with a 3 man engineering crew engaged, is 70% complete.

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
George Road, Field Project Manager
Superior, Montana
Contract Time-250 Working Days
Probable Completion Date-July 15, 1977

I 90-1(51)78, U-3, Huson-West
Length-1,020.0 Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Apps.
Contract let August 16, 1974
Amount of Contract-$2,367,500.00
Work Started October 9, 1974

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
William C. Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-280 Working Days
Probable Completion Date-May 30, 1977

Work has been suspended. The project as a whole is 96% complete with 92% of the contract time elapsed. Construction layout is 99% complete. Engineering personnel are currently engaged on other assignments.

RF 164(20), Philipsburg-South
Length-7.7 Miles, PMB. Seal & Cover, Signing & Lighting
Contract let May 13, 1976
Amount of Contract-$591,661.11
Work Started May 26, 1976

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Allan J. Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-90 Working Days
Probable Completion Date-May 20, 1977

Western Sign moved back in on Monday, April 11, 1977 to put up light poles at the intersections. The project as a whole is 98% complete with 94% of the contract time elapsed. Construction layout, with a two man engineering crew engaged, is 98% complete.

RF 192(9), Arlee-Safety, US 93
Flasher Installation & Traffic Cont. Devices
Contract let November 19, 1976
Amount of Contract-$29,588.95
Work Started Marcy 14, 1977
Work Proceed Date-April 19, 1977

S & S Construction Company
Helena, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-20 Working Days
Probable Completion Date-June 15, 1977

No work has been performed on this project since March 17, 1977. The project as a whole is 42% complete with 0% of the contract time elapsed. Construction layout, with a 2 man engineering crew engaged, is 85% complete.

HHS 219(1), FF 219(32), & HHS 219(35)
DeSmet Interchange North, Evaor-North & South, & Evaro Hill
Length-10.595 Miles, Missoula & Lake Co.
Contract Let February 26, 1976
Amount of Contract-$876,235.40
Work Started April 30, 1976

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
C.W. Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-110 Working Days
Contract Completed-September 29, 1976

Final data will be submitted to the Division office about May 2, 1977.

RS 343(12)Avon-Helmville
Length-5.1 Miles, G-AGG. AURF. PMB Widen & Guard Rail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Work Started July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Gerald P. Tahija, Field Project Manager
Drummond, Montana, Phone 288-3280
Contract Time-150 Working Days
Probable Completion Date-August 15, 1977

The project as a whole is 70% complete with 62% of the contract time elapsed. The survey crew moved back to Drummond on April 11, 1977 to start blue topping. The contractor plans to move back to the project the last of April.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation
Contract let September 30, 1975
Amount of Contract-$77,620.20
Work Started March 17, 1976
Work Proceed Date-October 22, 1975

Skinner Enterprises, Contractor
Helena, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-120 Working Days
Completed-October 18, 1976

Final data will be submitted to Helena on April 14, 1977.

M-RS 000S(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract-$58,976.70
Work Proceed Date-April 18, 1977
Contract Time-90 Calendar Days

Western Sign Corporation
Great Falls, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-July 1, 1977

Contractor started installing signs in Missoula on April 12, 1977. The project as a whole is 2% complete with 2% of the contract time elapsed. Six men are working five 8-hour shifts per week. Construction layout, with two engineers engaged, is 75% complete.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976
Amount of Contract-$125,400.50
Work Proceed Date-April 18, 1977

Fred Strandberg Construction Co., Inc.
Helena, Montana, Contractor
J.R. Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-July 29, 1977

There has been no work on this project the past two weeks. The contractor plans to start work sawing loop detectors on April 18, 1977.

M 8107(4), North Orange Street, Missoula
Length-0.8 Mile, Lighting & O'head Monitor
Contract let August 25, 1976
Amount of Contract-$85,663.22
Work Started March 22, 1977
Work Proceed Date-September 20, 1976

Midland Electric Company
Billings, Montana, Contractor
J.R. Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Probable Completion Date-June 17, 1977

The contractor has been installing conduit, lights, and conductor the past two weeks. Progress has been good the past week. The project as a whole is 10% complete with 0% of the contract time elapsed. Six men are working ten 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 25% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract-$106,132.00
Work Started July 20, 1976
Work Proceed Date-July 6, 1976

Western Sign Corporation
Great Falls, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Probable Completion Date-May 30, 1977

Two men began work April 13, 1977. One electrician and one groundman are installing signal lights on Russell Street. The project as a whole is 90% complete with 2% of the contract time elapsed. Two men are working four 9-hour shifts per week. Construction layout, with 2 engineers engaged, is 99% complete.

SMP 3299-77, Missoula & Ravalli Counties
Crush & Stockpile 55,000 Tons Aggregate
Contract let January 27, 1977
Amount of Contract-$166,025.00
Work Proceed Date-April 18, 1977
Work Not Yet Started

Washington Construction Company
Missoula, Montana, Contractor
D.R. Lohn, Div. Lab. Supervisor 2
Missoula, Montana, Phone 549-6491
Contract Time-80 Working Days
Probable Completion Date-July 15, 1977

Contractor hopes to start work on this project about the second week in May.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM/drn

Area 1130-7

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

CONSTRUCTION BUREAU

April 15, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending April 15, 1977.

G E N E R A L

Progress has been fair. Weather has been normal with light precipitation and some wind. Day time temperatures ranged from +40° to +70° with night temperatures from +26° to +36°. Highways are in early spring driving conditions with occasional snow and ice in shaded areas and mountain passes.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2900' & 7000' Alignment
Survey Authorization Dated-August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Est. Comp. Date - May 1, 1977

The project consists of two separate sections. The most westerly section is 3900' in length including sprirals and connections. The most easterly section is 7000' in length with spirals and connections. Centerline, benches, cross-sections and topography is 100% complete. Section ties are approximately 75% complete. The remaining survey work consists of bridge surveys. There has been no additional work on this location during the last reporting period. The bridge surveys will be made in the spring after the ice has dissipated. The total man days used to date remains 242½ days with the survey remaining approximately 80% complete.

DESIGN

Loren Dollan, Designer II

Survey location data was submitted to the Division office, and design personnel began work on the hardshell on April 11, 1977.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.7 Miles
Survey & Design Authorization-Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone- 755-5717
Est. Comp. Date - May 15, 1977

Two men worked the past period surveying existing drainage conditions on the project. The Materials Bureau will do testing, in the near future, to determine the types of existing material in the roadway section. This will indicate how the plant mix overlay will have to be designed, and what additional provisions will have to be made, such as digouts, filter fabric, or rubberized ashpalt.

F-100(9) Columbia Falls East & West
RS 486-1(2); (S-334(2)) Nucleus Ave.
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - June 30, 1977

F-100(9)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 329 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 77 man days have been used to date on design, which is approximately 70% complete.

RF-257(16) & LSF-1-257(5) Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for July 1977 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

No engineering work was performed on the project the past period due to personnel being assigned to other projects. The total man days used remains at 273.5.

UTILITIES

Montana Power Company discontinued operations for the winter or until other work loads subside. Gas line crossings have been relocated at stations 493+11 and 529+65. Relocation remains approximately 20% complete.

Harp Line Construction Co., contractor for Flathead Electric Co-op worked 5-8 hour shifts weekly with 6-7 men employed. Progress has been good with work consisting of stringing the #2 ACSR wire and also some work on the underground services.

F-263(8) Stryker-Roosville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Jack Adamson, Field Proj. Mgr.
Eureka, Montana 59917
Est. Comp. Date - May 6, 1977

Progress has been fair. Work has been completed on the mainline. A four man crew has been working on the alternate lines making this item 75% complete. The field work will be done upon completion of possibly another alternate line and two bridge site surveys on alternate line "B". The project is approximately 95% complete, with 1060 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Design personnel will be working on projects F-100(9) and RS-496-1(2) until completion. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - November 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 1, 1977

Progress has been good. Contractor is working 5-8 hour shifts per week, employing 21 men. 70,203 tons of class III riprap have been placed right of stations 1640+, 1698+, 1706+75 and 1720+25, making this item approximately 45% complete. Restoration remains approximately 70% of contract quantity. Project as a whole is 30% complete with 0% contract time elapsed. Construction layout remains approximately 77% complete with a seven man survey crew engaged on survey and inspection duties.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade, & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Con.by FHWA)
Contract Amount $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 300 Working Days
Prob. Comp. Date -July 1, 1977

RF-BRF-100(15) Flathead River Bridge
Columbia Falls

Progress has been fair with little increase in pay items. The prime and sub-contractors worked 10-8 hour shifts employing 8-12 men. Concrete for the W.B. diaphragms has been placed, cured, forms stripped and presently the adjacent deck areas are being formed. W.B. Span No. 1 re-steel for the deck has been tied and presently tying Span No. 2 the contractor is also cleaning up storage areas at the project site. The project as a whole remains approximately 92% complete with 80% total contract time elapsed. The project continues under winter suspend. Two State employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) #2 Signal Upgrade
Installation of Flasher at St. Matthew School Crossing on Main St. in Kalispell and Signal Controller Upgrade on Four Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976 (FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Wrok Started - October 13, 1976

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone 755-3950
Contract Time - 45 Working Days
Prob. Comp. Date - April 22, 1977

Progress has been good the past period with 2-3 men working 5-8 hour shifts weekly. Work consisted of installing sensing heads and the new 2" conduit across the north side of Main and Idaho. Project as a whole is 90% complete, with no contract elapsed.

HHS-257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 30 Working Days
Project Completed - Oct. 19, 1976

Final was submitted to division office January 25, 1977. Final is being checked as time permits and should be checked and ready for submittal to Helena about April 29, 1977.

DP-270(13) U.S. #93 North of Kalsipell
Grade, Gravel Surface
Lenght - 0.776 Miles
Contract Let -Febraury 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co. Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 60 Working Days
Project Completed - December 3, 1976

DP-270(13) U.S. #93 North of Kalispell

Final is being checked in division office as time permits, and should be ready for submittal to Helena about May 15, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. & Seal, Storm Sewer Installation Signing, Lighting & One Pre-Stressed Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1976(FHWA Conc.4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Company
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 200 Working Days
Project Completed - December 6, 1976

The project was completed and accepted December 6, 1976. Final compilation is being worked on as time permits, however, progress has been poor due to constuction activity of RS 404(8). The final will be submitted to the division office about January 1, 1978.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone - 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - July1, 1977

The contractor resumed work April 6, 1977 with two men employed. Work has consisted of shaping roadway to bluetop grade and cleaning ditch lines from Station 0+00 to 18+00. The contractor is also moving in a crusher. The project as a whole remains 59% complete with 60% of the contract time elapsed. Eight engineering personnel are now assigned to the project and construction layout is approximately 65% complete.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - May 17, 1977

No progress last period. Guard rail posts have been set for all guard rail sections and dress up around post will be done in the spring. All contract and change orders are 100% complete with the exception of chip and seal and striping, which will be completed in the summer of 1977. The project as a whole is 95% complete with 76% of the contract time elapsed. Construction layout is approximatley 96% complete with one to two men working on field notes as time permits.

RS 4144(52) U1-Polson
RS 4144(52) U12-Ravalli
Bridge End Treatment
Contract Let - February 24, 1977
Contract Awarded - February 28, 1976
Contract Amount - $16,025.45
Proceed Order - April 18, 1977
Work Not Started

Western Sign Corp.
Great Falls, Montana 59401
Daniel Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone - 755-3950

Project involves bridge end approach improvements of Flathead River bridge west of Polson and the bridge on the Jocko River, west of Ravalli. A preconstruction conference was held on April 7, 1977 with the contractor planning to begin work in 2-3 weeks, pending arrival of material from the supplier, Syro Steel, which is currently on strike. Two state employees spent one day the past period going over the plans and the project.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf., Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress has been good the past two weeks. Work consisted of Uncl. Excavation and embankment intermittently from Station 420 to Station 500. The unclassified item is approximately 95% complete. Miscellaneous storm drain and drop inlets were placed from 482 to 615, making the storm drain system approximately 97% complete. Water mains were tested and chlorinated and service taps completed from Station 576 to 600, making the water line and related items about 98% complete. The contractor completed crushing and stockpiling 4" select on April 6, 1977 and is presently changing over to crush 1½" plant mix base material.

Filter fabric and 4" select has been placed from Station 579 to 587 and from 531+50 to 537+00. Sand surfacing and 4" select has been placed from 518 to 531+50. Special borrow is currently being placed from Station 511 back to Station 490, and is expected to be completed this week. The contractor employs approximately 30 men. Twelve engineers and inspectors are currently assigned to the project and have the construction layout 45% complete. The project as a whole is about 50% complete with 8% of the contract time elapsed, with seasonal suspend in effect.

SMP-1599-76 (State Project)
4 Crusher Setups in Flathead, Lake Lincoln, and Mineral Counties
Contract Let - December 17, 1976
Contract Awarded - December 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Started - April 4, 1977

Frank Boroni Construction
Butte, Montana
John Kalien, Lab. Supervisor III
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 65 Working Days
Prob. Comp. Date - June 1, 1977

SMP-1599-76 (State Project)

Progress has been good the past period. Contractor crushing and stockpiling ½" type A maintenance material in Pit No. 2420-01, Flathead County. Contractor working 5-9 hr. shifts per week with 4 men employed. Contract is 23% complete and 0% time elapsed. One state employee testing and recording tonage.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Construction Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana 59923
Phone - 293-6221
Jack Adamson, FPM-Liason Engineer
Troy, Montana 59935
Phone - 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

No work by the contractor as of this date. Unable to get a confirmed date as to when work will resume this spring. Removal of the existing railroad grade has been completed. Also some work has been done at the quarry pit in preparation for spring work. The project as a whole is approximately 5% complete.

Howard A. Stockwell
FOR James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS:mb

Department of Highways

Butte, Montana

April 14, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconsturction operations in Division 2130 for the period ending April 12, 1977. The weather has been mild with some snow shower and temperatures ranging from +16º to +72º.

PRECONSTRUCTION

F 8-2(3)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77
Townsend-Toston
Pl. Mix Overlay on U.S. #287
Design
10.125 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
April 15, 1977

Work on the project consisted of calculating typical section quantities for the mainline and approaches, preparing plan sheet and summary linens, preparing the estimate and compiling data for the special provisions. A two man design crew worked 18 man days for a total of 43 man days used to date. Design work on the project is 60% complete. It is anticipated that the plans will be sent to Helena for a P.I.H. printing on April 15, 1977.

I IG 15-3(13)157
Basin-Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design

PRECONSTRUCTION

A layout of the channel change near Sta. 1260 is being prepared for review by MDH & F&G. Cross sections at bridge were received on March 24, 1977. We will use these to verify the accuracy of the contour mapping for bridge site layouts and for channel flow studies. A field trip was made to the project site to review cattle access problems. A plan set showing proposed fence layout to provide needed cattle access was submitted on 3/31/77. The final four brown line sepias of R/W plans were submitted on April 1, 1977. Hydraulic data was coded in preparation for computer runs for streamflow data at bridge sites. Changes in the Access Road alignment were drafted on plan and R/W sheets. Plan sheets for the Access Road near Boulder were prepared. Preliminary bridge design was started on March 25.

Location
Work the past period consisted of running levels, taking topography, making section ties and checking ownerships. Line and Levels run and Section Ties are all 100% complete. Topography is 91% complete and Ownerships checked are 73% complete. An eleven (11) man crew expended 108 man days for a total of 618.5 man days used to date. Project as a whole is 82% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

I IG 90-3(27)172
Garrison E&W (West Section)
Construction Staking
4.247 Miles
Powell County

Matt J. Vranish, Manager
Field Project
Deer Lodge, Montana

Construction staking is 17% complete. Work has been suspended due to resumption of construction project I IG 90-3(39)176.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: December 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Public Hearing was held November 8, 1976.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
December 16, 1977

Design work for the period consisted of checking location survey notes and plotting cross sections. A two man crew expended 2 man days for a total of 11 man days used to date. Location survey notes checked are 100% complete. Cross Sections plotted are 25% complete. Design for the project as a whole is 4% complete.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

Design work on the project was temporarily suspended to complete work on other projects. It is anticipated that work will resume on April 15, 1977. Design work on the project is 10% complete. Hydraulics data has been submitted to the Hydraulics Unit for culvert recommendations. Material reports have been submitted to the surfacing design unit for typical section recommendations. The notes reduced and checked are 100% complete, cross sections plotted, topoged and inked are 100%, the hardshell plotted is 100% complete and the profile plotted and inked is 100% complete.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

PRECONSTRUCTION

M 1810(1)
Grand Avenue - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 5, 1978

There was no work on the project during this period. Design work has been temporarily suspended to complete work on other projects. It is estimated that work will begin again by April 15, 1977. The plan and profile linens are traced for 1.4 miles and are 45% complete. The cross sections plotted inked and topoged are 95% complete and the profile revised and plotted is 95% complete.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
April 29, 1977

Project on winter shutdown. Work remaining consists of installation of curbing and landscaping work under Change Order No. 2 which will be accomplished next spring. Project as a whole is 99% complete with 99% of the contract time elapsed. There are two Engineers assiged to this project and they are presently working on the Basin - Boulder location.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

I 15-2(35)111 Unit 1
I 15-2(36)118 Cont'd.
Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on May 27, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

Project is on winter shutdown. Project as a whole is 63% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete. The 6 man engineering crew is presently on the Basin-Boulder location.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205, & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp., Lewis Constr. Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

It is estimated that Final Data will be submitted to Division Office on April 29, 1977. It is estimated that Final Data will be sent to Helena on July 15, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17. 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Const. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena on June 17, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Project on winter shutdown. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is assigned to Basin-Boulder location.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Constr. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of maintaining P.T.W. and detours. The contractor employed 5 men for 5-8 hours shifts. Project as a whole is 74% complete with 81% of the contract time elapsed. Construction layout as a whole is 89% complete with 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Project is on winter shutdown. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man Engineering Crew assigned to this project and they are presently doing location work with two men being assigned to SMP 0499-77.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976

S&S Construction
Helena, Montana
Irvin C. Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 30 Working Days

HHS 089-1(001) Cont'd.
Bid Price: $14,714.84
Work Not Started

Probable Completion Date:
June 10, 1977

Preconstruction Conference held February 15, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Construction Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

Road
Work the past period consisted of forming and pouring concrete cut-off walls, installing culverts and conducting grading operations. Contractor employed 40 men for 10-8 hour shifts. Project as a whole is 65% complete with 30% of the contract time elapsed. Construction layout as a whole is 80% complete with 9 Engineers and 2 Inspectors engaged.

Bridges
Progress during the past period was good. Work consisted of: Sta. 812+05.20 - Erecting Span No. 4 prestressed beams; placing concrete for - Bt. No. 1 No. 5 backwalls, all end & inter. diaph's.; setting Bt. No. 1 & No. 5 guard angles; forming on deck, overhang, outside edge of deck & curb, all spans. Sta. 842+26.32 (W.B.) - completing the erection of struct. steel & now filling in bolts. (E.B.) tightening up the high strength bolts, all spans. Sta. 1049+68.60 (W.B.) - cleaning up the area. (E.B.) forming on wing wall curbs & cleaning up the area. Sta. 1150+10.00 (W.B.) stripping & finishing on curb & inside faces of Bt. No. 1 & No. 5 backwalls. Percent complete for the items are as follows: Conc. Cl. AD, 65%; Pre-Beams - Type A & Type 4, all 100%; Struct. Steel - Item 431001000, 100%; Struct. Steel - Item 431001010, 90%; Struct. Excav. Type 1, 100%; Test Pile Item 461020000 & Item 461020001, 100%; Furn. & Drive T.T. Pile, 100%; Pile Pre-Bore Holes, 100%; Reinf. Steel, 56%; Br. Rail Steel Type 5, 3% & Protective Coat, 23%. The structures as a whole are 75% complete. During the past period the bridge subcont'r. (McIntyre Const. Co.) worked 9.5 - 8 Hour shifts with 16 men employed. Construction layout is 71% complete with a 4 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:

I IG 90-3(39)176 Cont'd.
Bid Price: $3,718,181.56
Work Started: June 30, 1976

November 18, 1977

Road
Work the past period consisted of conducting grading operations, erecting fence and installing culverts. The contractor employed 30 men for 10-8 hour shifts. Project as a whole is 36% complete with 41% of the contract time elapsed. Construction layout as a whole is 96% complete with 9 Engineers and 1 Inspectors engaged.

Bridges
Junior Grade Separation at Sta. 386+49.1: Cleaning up area and moving materials to Beckhill Interchange site.

Beckhill Interchange at Sta. 338+00.00: Finished driving Steel Bearing Service Piling in Abutment No. 3 main and wing footings. Formed, placed and tied Reinforcing Steel, and placed concrete in Abutment No. 3 main and wing footings. Forming Abutment No. 1 backwall. Percentages complete for the structural items are as follows: Structure Excavation 90%; Reinforcing Steel 45%; Class AD Concrete 64%; Traffic Control 18%; Mobilization 27%; Structural Steel 0.2%; Furnish Steel Bearing Piles 100%; Drive Steel Bearing Piles 100%. The contractor worked eight (8) hour shifts employing an average of five (5) men on the structures during the past two week period. The structural section of the project is 29.6% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the
construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081.047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
July 1, 1977

Contractor did not work the past two weeks on Project No. I IG 90-4(26)194 U2 Warm Springs North & South or Project No. RS 304(12)U2 Galen East. Contractor plans to begin decking operations at Galen Interchange, Sta. 939+75.20, East-Bound and Clark Fork River, Sta. 196+75.00, on the work week beginning April 18, 1977. Percentages complete for items are as follows: Unclassified Channel Excavation 85%, Strucutre Excavation 88%, Reinforcing Steel 82%; Class AD Concrete 90%, Structural Steel 89%. Shoring & Crib 98%. Filter Material 85%, Gravel Blanket 87%, Class II Rip Rap 80%, Mobilization 90%, Steel Beam Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 100%, Pre-Stressed Beams Type 4 85 Ft. 100%, Pre-Stressed Beams Type A 35 Ft. 100%. The project as a whole is 84% complete with 74% of the contract time elapsed.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

Work on Final Data is 85% complete in the Field Office with a 5 Man crew engaged. It is estimated that Final Data will be sent to Helena on August 26, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of clearing and grubbing, erecting fence, crushing gravel and conducting grading operations. The contractor employed 22 men for 10-8 hour shifts. Project as a whole is 4% complete with 0% of the contract time elasped. Construction layout as a whole is 52% complete with 13 Engineers and 2 Inspectors engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Not Started

Jim Gilman, Excavating Co.
Butte, Montana
John McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference held March 2, 1977.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
May 20, 1977

FF 401(3) Cont'd.
No work. Awaiting arrival of materials. Project as a whole is 21% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete. There are 4 Engineers assigned to this project.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Started: March 23, 1977

Jim Gilman Excavating, Inc.
Butte, Montana
Russell R. Yarnall, Materials
Supervisor III
Butte, Mt. Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
May 27, 1977

Work the past period consisted of completing crushing in the Beaverhead County Pit No. 0140-57. The contractor employed 6 men for 11-9 hour shifts. Project as a whole is 25% complete with 0% of the contract time elapsed. There are 3 Engineers on this project.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
April 29, 1977

No work the past period. Project as a whole is 47% complete with 40% of the contract time elapsed.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base. Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating, Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of excavating sidewalks and working on retaining walls. The contractor employed 13 men for 10-8 hour shifts. Project as a whole is 5% complete with 0% of the contract time elapsed. Construction layout as a whole is 50% complete with 5 Engineers and 1 Inspector engaged.

CONSTRUCTION

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
June 17, 1977

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

P. O. Box 1110
Bozeman, Montana 59715

April 15, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending April 15, 1977. Typical spring weather has been experienced with alternating periods of snow storms and warm sunny weather. Construction activity should begin early sometime next week.

P R E C O N S T R U C T I O N

F 11-1(1)54 — Engineer Unassigned
Park Street-Livingston
Length-1.6 Miles

A Plan-in-hand Inspection was held on April 6, 1977.

F 13-1(1)24 — Engineer Unassigned
8 Mi. South of Cameron-South
Length - 6.0 Miles

All information requested from the field has been transmitted to Helena.

F 13-1( )30 — Engineer Unassigned
3 Mi. South of Cameron - South
Length - 5.0 Miles

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur — Roger E. Blossom, PE, FPM
Approx. Length - 6.7 Miles — Phone: 586-5074 Bozeman
Estimated Completion Date: July 1977

Engineering crew transferred off project on 1-7-77 due to deep snow and weather conditions.

F 29-1(3)16 — Engineer Unassigned
Virginia City Hill
Length - 0.9 Mile

All information requested from the field has been transmitted to Helena.

FH 42-3(2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 45-1(1)15
Big Timber - North
Length - 11.4 Miles

L. O. Williams, FPM
Phone: 222-1965 Livingston

All requested data was transmitted to Helena on March 11, 1977.

F 50-2(1)88
Signals
Intersection of Main with 3rd &
5th Ave. - Bozeman

Engineer Unassigned

A plan-in-hand inspection for this project was held April 7, 1977.

F 60(15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety
Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information to be supplied by the Division as outlined in the plan-in-hand report was transmitted to Helena on March 11, 1977.

F 86-1(1)0
Rouse Ave. & Lamme St. Int. - Bozeman

Engineer Unassigned

No information has been requested from the field.

F 86-1( )
8 Mi. South of Park Co. Line - South
Length - 6.0 Miles

Engineer Unassigned

A plan-in-hand inspection has been scheduled for May 17, 1977.

F 86-1( ) Engineer Unassigned
Park Co. Line - South
Length-8.1 Miles

All information requested from the field has been submitted to Helena.

IR 90-6( ) Engineer Unassigned
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

No information has been requested from the field.

I 90-6( )315 Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 Roger E. Blossom, PE, FPM
Springdale - Big Timber Phone: 586-5074 Bozeman
Length - 13.477 Miles

All requested work has been completed.

I 90-7(18)364 Ronald T. Hoyem, FPM
Big Timber - Greycliff Phone: 932-3272 Big Timber
Length - 10.814 Miles

All information requested from the field has been submitted to Helena.

I 90-7(21)339 Roger E. Blossom, PE, FPM
Springdale - West Phone: 586-5074 Bozeman
Length - 9.2 Miles

All requested work has been completed.

I 90-7(34)375 Ronald T. Hoyem, FPM
Greycliff - East Phone: 932-3272 Big Timber
Access Road (Prairie Dog Town)
Length - 0.440 Mile

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2 Engineer Unassigned
Bozeman Pass - East
Rest Area & Sand House

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

An on-site inspection was held on April 8, 1977 and all data collected over the winter has been submitted to Helena.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Cont. Devices

Engineer Unassigned

No information has been requested from the field to date.

F 171(16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

A five-man engineering crew has been working on this location survey. After a two-week period cross-sections were completed between Sta. 150 and 169+50 making this item 33% complete. Topography has been taken between Sta. 180 and 320 making this item 63% complete. Centerline profile has been plotted between Sta. 0+00 and 100+00 making this item approximately 20% complete. At the present time the location as a whole is 42% complete.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

A public hearing has been scheduled for April 27, 1977.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 5-1-77

A five-man survey crew has been working on this location survey which is now approximately 90% complete. Cross-section survey was completed on April 7 and the crew is now working on the drainage survey. The major work remaining appears to be the tying in of section corners.

RS 563-1(1)0
Springdale - Hunter's Hot Springs
Approx. Length - 2.2 Miles
Survey Started: 1-5-77

Larry O. Williams, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 8-1-77

All data for the road portion of this location survey was turned in to the Division Office on March 14. It is estimated that the bridge situation survey will be started on or about April 19.

M 1201(1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Engineer Unassigned

A plan-in-hand inspection has been scheduled for April 20, 1977.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles

Engineer Unassigned

A plan-in-hand inspection has been scheduled for April 20, 1977.

SRS 4148(52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28(14)
McLeod - Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

COP Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Completion Date: 11-19-76

The final estimate and supporting data was transmitted to Helena on April 5, 1977. This will be the last report for this project.

F 64-1(1)0 Big Sky Spur
Length-3.0 Miles
Gravel Surf., Pl. Mix Surf.

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

This project has been advertised for the letting of April 28, 1977.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structure
Length - 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

The limited work consisting of installation of signs for the proposed detour on the Rocky Canyon-Safety portion was resumed on April 13. The contractor is currently employing 16 men. An eight-man engineering crew is assigned to this project which is 28% complete with 30% of the contract time elapsed. The contractor has 214 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass-East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steet and Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

The project remains shut down due to the amount of moisture received during the past two week period. A 13-man engineering crew is currently assigned to this project which is 78% complete with 57% of the contract time elapsed. The contractor has 116 working days of contract time remaining.

ROS 4144(52) U-2
Manhattan - Belgrade
Bridge End Guardrail
Length - 0.335 Mile
Contract Awarded: 2-24-77
Contract Amount: $34,016.70
Proceed Order Date: 4-18-77
Work Started: April 11, 1977

Western Sign Corporation
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman
Contract Time - 40 Working Days
Probable Completion Date: 4-22-77

The contractor began work on April 11, 1977, employing three men and working on the installation of signs and culvert excavation for the embankment protectors. No time has been assessed to date and the contractor has 40 working days of contract time remaining.

SMP 0499-77
Crush and Stockpile
Broadwater, Beaverhead & Gallatin Co.
Contract Awarded: 2-28-77
Contract Amount: $119,000.00
Proceed Order Date:
Worked Started: April 13, 1977
Gallatin County

Jim Gilman Excavating, Inc.
Butte, Montana
Walter H. Deighton, Lab Supr. 3
Phone: 586-9562 Bozeman
Contract Time: 65 Working Days
Probable Completion Date: 4-25-77
Gallatin Co.

The contractor started production at the Grayling Creek site in Gallatin County on April 13. 5,000 Tons or 25% of the amount set up for this pit has been crushed and stockpiled. Two men are currently performing inspection duties on this contract. The contractor has 60 working days of the contract time remaining.

Respectfully,

Edward J. Risse for RCH

Richard C. Holmes, PE, Supervisor
Division Construction Section
Bozeman, Montana

RCH:EJR:wb
cc: Gary A. Gilmore, PE, Division Traffic Engineer
Bozeman Division Lab
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
APRIL 18, 1977

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period April 5, 1977 thru April 18, 1977.

GENERAL

Weather has been clear to overcast with temperatures ranging from 25^{o} to 70^{o} with some rain showers causing slight work slowdown.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Rd.
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Deisigner II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

Design remains 17% complete. No work during this reporting period.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: May 15, 1977

71 man-days used during this period making section ties and drawing hardshell. The survey is 84% complete with 1504 man-days used to date.

F 80-1 ( ) - Overlay
Fort Benton - Geraldine
Length: 9.5 miles
Design Started: March 7, 1977

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: April 29, 1977

3 men worked 8 days Preparing Plan Sheets. Plans for the P.I.H. Design was ent to Helena on April 8, 1977, to have Plans printed for P.I.H. Design is now 50% complete.

Department of Highways

April 18, 1977

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

P.I.H. was held on March 8th. Three men worked 22 days making P.I.H. changes and Preparing Brown lines for R/W. Design is 54% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

There has been no work on this design since the P.I.H., which was held on March 8th. Design remains 50% complete.

RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20+ miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: July 1977

Five man crew spent 34 man-days during period Running Centerline. Survey is 15% complete with 119 man-days used to date.

RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1977

26 man-days used during this period making Section ties. Survey is 38% complete with 384 man-days used to date.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Conrad - Phone #278-5412

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

RS 565-1 (1) - Simms - North
Cascade & Teton Counties
Location Survey
Length: 1.1 miles
Survey Started: April 4, 1977

Harry C. Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
Prob. Comp. Date: May 20, 1977

Location Suvrey was authorized March 29, 1977. 30 man-days used during this reporting period staking centerline, running levels, establishing bench marks and cross sectioning.

Department of Highways

April 18, 1977

M 5201 (1) - 6th St. Great Falls
Part I - 100%
Part II - 100%
Route Location Study Report - 90%
Length: 1.3 miles - Cascade County
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478

Part II (Station 40+65 to Station 68+00) Received signing reproducibles back for further corrections on March 3, 1977. Hand delivered construction and signing reproducibles with all corrections completed on April 5, 1977, thus com pleting PartII.

Route Location Study Report (68+00 to Central Avenue West) Received notification to complete the report on February 16, 1977. Requested funds to complete the report on February 23, 1977, since the last contract increase did not include funds to complete the report. Waiting for approval of funds before commencing work on the report.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P.O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been good. Apex Construction removing and resetting conc. guardrail south of Helena to Lincoln Interchange, also removing median guardrail on Helena Hill. Signing operation from Jefferson City to Helena. Bozeman Sand & Gravel began shoulder widening from Sierra structure to 1½ miles south of Colonial Interchange. Items and percent complete are: Remove Med. & Shld. Guardrail, 87%; Sign Poles, 71% and Guardrail Posts, 80%. The project as a whole is 66% complete with 52% of the contract time elapsed. Construction layout is 90% complete with a 4 man engineering crew engaged in staking, notes and inspection. Intermittent lane closures from 1½ miles south of Colonial Interchange to Gates of the Mountain Interchange.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N. & S.(N.Sect.)
Add 2 lanes
Cascade County
Length of Project: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrence: Feb. 28, 1977
Amount of Contract: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, Montana 59403
D.D. Moore - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Prob. Comp. Date: Oct. 14, 1977

Progress has been poor. Sub-contractor Swan & Son, removed and reset 284 rods and installed 53 rods of temporary fence. Prime contractor, Hilde Construction Co. is not working on project. Items and percent complete are: Move & Reset Fence, 40% and Fencing-Temporary, 50%. The project as a whole is 2% complete with 0% of the contract time elapsed. Construction layout is 60% complete with a 5 man engineering crew engaged in layout,inspection and notes.

Department of Highways

April 18, 1977

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Started: February 24, 1977

Cop Construction Company
P.O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structure)
D. Moore, Mgr. F.P.U. (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 110 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair. There were 3 to 9 men employed excavating, driving piling, placing concrete and tieing re-steel. Bents 1,2,3,4 have all the piling driven and footings are in place at Bents 2 and 3,Lt. and Rt. Columns for Bents 2 and 3 are now being formed. The structure is 3% complete with 0% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in layout, testing and inspection.
Approaches - No work by sub-contractors Hilde Construction or Bob Clark & Son the past two weeks, the two sub-contractors moved all their equipment off the project March 17, 1977. Items and percent complete are: Exc. Uncl., 100%; Haul, 100% and Move & Reset Fence, 100%. The approaches are 28% complete with 0% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in other projects.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P.O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structures)
D. Moore, Mgr. F.P.U. (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair. Structure 1842: Deck has been formed and steel is in place. Structure 2095: Deck has been formed and steel is in place. Contractor called off pour until later date. Structure 301: Deck now being formed. The structures are 65% complete with 41% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in layout, testing and inspection.
Approaches - No work by sub-contractor Kraus Construction during the reporting period. He plans to resume work as soon as the Prime contractor,Cop Construction Company, completes the County Road structure at Sta. 301+80.5. Items and percent complete are: Exc. Uncl., 90% and Haul, 90%. The approaches are 75% complete with 41% of the contract time elapsed. Construction layout is 100% complete with a 5 man engineering crew engaged in other projects.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P.O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: May 15, 1977

Progress has been fair. Contractor resumed operations on April 8, 1977, removing detour road. Items and percent complete are: Repair Street, 98%; Conc., 98%; Reinf. Steel, 100% and St. Steel, 100%. The project as a whole is 97% complete with 46% of the contract time elapsed. Construction layout is 99% complete with a 2 man engineering crew engaged in other projects.

I 15-6(20) 304 - Teton River - N.& S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been good. Contractor resumed hauling on April 6, 1977, also produced, placed and layed 1½" CBS on N.B. and S.B. lanes, 1st, 2nd and 3rd lifts. Items and percent complete are: 1½" CBS, 59%. The project as a whole is 67% complete with 39% of the contract time elapsed. Construction layout is 89% complete with an 8 - 14 man engineering crew engaged in layout, testing, inspection and bluetopping.
Sturctures - Progress has been fair. Separation Sta. 788: During heating operation , an accident occurred and contractor has been cleaning effected deck since. Contractor is also stripping scaffold and started stripping end spans. Teton River Structures: Elastomeric expansion device was delivered, contractor preparing to place the device. The structures are 88% complete with 39% of the conract time elapsed. Cosntruction layout is 95% complete with a 2 man engineering crew engaged in layout, inspection and testing.

I 15-6(16) 308 - Teton River - N.& S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. Base; Pl. Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - Progress has been poor. Contractor, Hilde Construction, began placing Plant Mix Type 3 on April 11, 1977. Items and percent complete are: Plant Mix Bit Surf., 69%. The project as a whole is 91% complete with 84% of the contract time elapsed. Construction layout is 90% complete with a 6 man engineering crew engaged in testing, inspection and layout.
Structures - Final inspection was made November 23, 1976. Supporting data was submitted to division office January 28, 1977. This protion of project is 100% complete, with a 2 man engineering crew engaged in other assignments.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - No. & So.
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Lengthen 2
Add Two Lanes - Teton & Pondera Counties
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - Progress has been fair. Contractor, Hilde Construction Co., placed Bit. Curb at Brady Interchange, remains to be painted with SS-1. Western Signs making general cleanup of project. Field painting remains to be completed on steel. Items and percent complete are: Curb - Bit., 98% and Signing & Guard Rail, 99%. The project as a whole is 99% complete with 83% of the contract time elapsed. Cosntruction layout is 99% complete with a 2 man engineering crew engaged in testing and inspection.
Structures - Structures are 100% complete, with a 2 man engineering crew engaged in other assignments. The Supporting Data was submitted to Division office January 24, 1977.

I 15-7 (18) 330
E. Frtg. Rd. - Valier Jct. No. & S.
Pondera County
13.84 miles, Grading, Agg. Surf.,
Pl. Mix Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc. (Jv)
Great Falls, Montana
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Prob. Comp. Date: August 1977

Progress has been good. Contractor working Mile 5 Sta. 25+00 to Sta. 53+00. Contractor moving crushing equipment onto project, plans are to begin crushing Plant Mix Aggr. on or around April 18, 1977. Pits to be opened up are the Elliot Pit (contractor optioned) and the adjacent Ries Pit (contractor optioned). Fencing contractor removing and placing Temp. fence. Items and percent complete are: Grader & Scraper hrs., 1%; Pipe, 26%; Farm Fence, 1%; Corner Panels, 100%; Temp. Fence, 90% and Elec. Fence, 100%. The project as a whole is 5% complete with 0% of the contract time elapsed. Construction Layout is 97% complete with a 4 man engineering crew engaged in layout, inspection and testing.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, INc. Contr.
P.O. Box 2287, Gt. Falls, Mt. 59403
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
P.O. Box 1301, Conrad, Mt. 59425
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

Contractor resumed work April 14, 1977, forming for sidewalks. The project as a whole is 93% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a 7 man engineering crew engaged in other projects.

SMP 5099-77
Maintenance Crushing
Cascade, Chouteau, Lewis & Clark &
Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P.O. Box 1626, Gt. Falls, Mt. 59403
Glen Enderson, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days

The contract was let on February 24, 1977, and awarded on February 28, 1977, to Mortensen Construction Company of Great Falls, Montana, with order to proceed being issued effective April 18, 1977. Preconstruction meeting was held April 8, 1977. Contractor now plans to begin work on or about April 25, 1977.

James T. Sullivan - P.E. -
Supr. - Division Construction Section

JTS/MRB/ac

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

April 15, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending April 15, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable. The temperatures have ranged from +15° to +79°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E. O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey the past reporting period. All work was suspended on March 4, 1977 due to working on other projects. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 79% complete. A total of 229½ man days have been worked to date and the location is 57% complete.

RS 459 (1) Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

No work on this project this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus. M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Wolf Point, Montana
Contract Time: 140 working days.
Probable Completion Date: 6/10/77

No work on this project this reporting period. The contractor plans on resuming work during the week of April 25, 1977. The engineering crew is working on other projects.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77.

The contractor resumed work on April 12, 1977. Two men started breaking up the old existing concrete in the roadway from Sta. 542+50 to the end of the project. One man is assigned to inspection and layout. The project as a whole is 62% complete with 82% of the contract time elapsed.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Completion Date: 10/15/76

Two to three men have been working on the final estimate. The final is estimated to be 98% complete, and will be ready to be transferred to the Division office on April 18, 1977.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf., Pl. mix
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress has been good. The contractors worked eleven 8 to 10 hour shifts with up to 25 men employed. Uncl. exc. and related items are complete except for final cleanup and finishing. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 99% complete and sidewalk is 80% complete. The project as a whole is 87% complete with 66% of the contract time elapsed. The contractor resumed type 3 pl. mix surf. on 4/12/77. This item is 60% complete. A 5 to 7 man engineering crew is inspecting the contractor's operations.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77.

STRUCTURES:
Progress has been fair. The subcontractor, Sletten Construction Co., worked nine 8 hour shifts with up to 6 men employed. The backwalls and end diaphragms at the expansion joint have been poured at Sta. 1439. Guard angles have been placed and screed rail grades have been shot at Sta. 1419. The subcontractor is presently working at Sta. 1439 placing guard angles and expansion joint. No work on the structure at Sta. 1644 McVey Interchange. The subcontract as a whole is 55.7% complete. A 1 to 3 man engineering crew is engaged in inspection on the project.
ROADWAY:
Progress has been good. The contractor, Hilde Construction Co., Inc. worked nineteen 9 hour shifts employing 42 to 50 men. 220,017 C. Y. Exc. Uncl. borrow was placed between Sta. 1622 to 1657, making emb. + and related items 50% complete. Installed 24"x185' CSP and 36"x76' CSP, making culvert installation and related items 71% complete. Fencing items remains 77% complete. The contract as a whole is 33% complete with 43% of the contract time elapsed. An eight to ten man engineering crew worked ten days, inspecting contractor's operations and staking guard rail.
UTILITIES:
Marias River Electric worked two 5 hr. shifts employing 4 men. Completed change over and removed poles from 1690+ to 1714+, making their revisions 99% complete. Remove poles from project remains to be completed. Burlington Northern RR completed installation of their revisions July 29, 1976. Three communication poles have been installed, beginning their reclamation of utilities, making their agreement 55% complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 230 working days
Probable Completion Date: 4/30/77

Progress has been good. The contractor worked one 9 hr. shift per day with up to 12 men employed. The contractor is completing finishing the roadway to blue tops and all misc. cleanup throughout the project. Completed placing type A random riprap and type 3 bank protection on pipe ends. The drainage items as a whole are 100 % complete. Bob Clark & Son, subcontractor, started seeding on 4/6/77 with 4 men employed on one 10 hr. shift per day. The seeding as a whole is 85% complete. Swan and Son, subcontractor, started fencing on 4/12/77 with 2 men employed on one 8 hr. shift per day. The fencing is 46% complete. The project as a whole is 95% complete with 91% of contract time elapsed. An eight man engineering crew is assigned to the project.

I-15-8 (28) 343 U-2
Toole County Line North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76.

Work on final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (28) 343 Unit 3
Toole County Line-North
Dual 481.5' prestressed
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Completion Date: 10/30/76

Work on final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work not started.

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable completion date: 11/15/77.

A preconstruction conference is being held in the Shelby field office today 4/15/77. The contractor's anticipated starting date is unknown at the time of this writing.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion date: 11/15/77

No work on this project as of this time. Staking notes were sent to Helena for IBM processing, on April 4th. One to two men are working in the office on notes and are also working on other projects.

TQS-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work not started

E. F. Matelich Construction Co.
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Browning, Montana
Contract Time: 90 working days
Probable completion date: 8/31/77

A preconstruction conference was held in the Havre Division office on March 22, 1977. The contractor has not yet moved onto the project. A two man engineering crew is working on construction layout.

TQS-464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles Glacier County
Grade, gravel, & pl. mix base
Contract not let

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

The Glacier Electric Co-op started their utility revisions on 4/4/77. They worked 6 days and completed the work on 4/12/77. Utility revision is 100% complete.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, aggr. surf., pl. mix
Bit. Surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work Started: 4/12/77

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/15/77

The contractor started work on 4/12/77 with four men employed. 64 Lin. Ft. of 24" R.C.P. was placed at the three pipe end sites. A two man engineering crew is assigned to inspection and layout.

F-1-6 (2) 382
U.S. 2 - Havre (E. Section)
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf.,
and storm sewer
Contract not let

Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821

The Montana Power Co. began moving their gas lines on 4/11/77. One man is assigned to the layout and inspection. The centerline and R/W layout is 75% complete. The staking is 50% complete and construction layout as a whole is 10% complete.

SMP 5199-77
Various Roads
Crush & Stockpile
Blaine, Glacier, Pondera
and Toole Counties
Contract Let: 1/27/77
Contract Amount: $98,070.00
Work Started: 2/24/77.

Hilde Construction Co., Inc.
Great Falls, Montana
William Neely, Lab. Supv. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 55 working days
Probable completion date: 4/22/77.

No work on this project this period. The contractor plans on starting seeding and fertilizing gravel pit sites on 4/18/77. Final estimate will be submitted when pit reclamation is completed.

ROS 4144 (52) U-3 &
ROS 4144 (52) U-10
Havre-Simpson and
Fort Benton-Big Sandy
Bridge and Guardrail
0.149 miles
Hill & Chouteau Counties
Contract Let: 2/24/77
Contract Amount: $22,750.40
Work not started.

Western Sign Corporation
Great Falls, Montana
Unassigned
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/1/77

A preconstruction conference was held on 4/5/77. The contractor anticipates work to begin on 4/18/77. Construction layout is 75% complete.

Respectfully submitted,

For: Jacob Liebelt
Hazen D. Flickinger, P.E. Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
APRIL 14, 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending April 12, 1977.

GENERAL

Progress throughout the Division has been improving. The weather was mostly fair. Temperatures ranging from +30 degrees to +80 degrees.

PRECONSTRUCTION

5002-01-U60
Merrill Avenue to No. Anderson
Glendive-Dawson County

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - April 15, 1977

One man day used during the past period checking notes. Engineering layout is estimated 96% complete with a total of 144 man days to date.

F-25-1(1) CIRCLE-NORTH
Survey Authorized - March 16, 1977
Length - 8.4 Miles

Unassigned

Work will begin when personnel are available.

F-RF-245(12), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 man days used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

PROGRESS REPORT

PRECONSTRUCTION

RS 252-1(1), CIRCLE-NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Survey was suspended March 1, 1976 with 416.5 man days used to date. This survey is approximately 47% complete.

RS 253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-261-1(2), WIBAUX-NORTH
Length - 4.8 Miles
Survey Authorized - Dec. 28, 1976

Unassigned

Work will begin when personnel are available.

S-323-1(1)27, ALZADA-EKALAKA
Length - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight man days used to date. Work has been suspended until Spring.

S-335-1(1)2, 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

During the past period, 5 man days were used placing items on Linen Plan Sheets and on R/W Design. Design is 46% complete with 97 3/4 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. - Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - November 30, 1977

PROGRESS REPORT CONSTRUCTION

Progress this past period has been good. The Prime Contractor Joe Mayo & Son, Inc., employed from 25 to 32 men for ten 9-hour shifts crushing and stockpiling ½" Cover Material and Fines for Plant Mix, stripping and stockpiling 13,408 cu. yds. of topsoil making this item 79% complete, hauling and placing 178,605 cu. yds. of Unclassified Excavation making this item 63% complete, excavating 1273 cu. yds. of culvert excavation, making this item 28% complete, installed 295 ft. of SSPP Arch 8 ft. 10 in. and 72 ft. of CSP underdrain, making these items 66% and 73% complete respectfully; also placing 110 cu. yds. of Bank Protection Type III making this item 76% complete. Contractor also has moved 2 scrapers and 2 pushcats onto the Powder River Interchange portion and began stripping topsoil on the P-3 and P-4 Ramps. Structure Sub-contractor Swingen Construction Company employed from 25 to 32 men for ten 8-hour shifts depositing concrete for abutment wall and wingwalls on Abutment No. 4 Westbound, wing footings on Abutment No. 1 Westbound and diaphragms on Spans 2 and 3 and both backwalls on Eastbound Bridges over B.N. R.R. Reinforcing has been tied in place and contractor plans to pour the deck concrete on east-bound structure April 13, 1977. The concrete finishing has been mostly completed and the first application of protective coating has been applied to the deck of the Yellowstone Grade Separation. Project as a whole is 61% complete with 136 working days or 52% of the contract time elapsed. Construction layout remains 91% complete with 8 engineers and 4 inspectors or testers employed this past period.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - April 30, 1977

No work has been in progress this past period. The only work remaining to be done is covering of side anchors with topsoil and some minor repair of bruises and chips in concrete units. This work will be done when weather conditions are more favorable. Project as a whole remains 99.9% complete with 57 working days used or 44% of the contract time elapsed. Final estimate and supporting data is 98% complete and the completed portion has been checked in the Division Office.

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Not Yet Started

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT. 84110
A. J. Kuntz, Fld. Proj. Manager
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1978

A Preconstruction meeting was held in the Glendive Division Office March 9, 1977. Received word from the contractor that their superintendent will be on the project about April 13, 1977. There will be equipment arriving on the project shortly thereafter and work will start during the week of April 18, 1977. Some forming materials have been delivered to a storage area in Fallon. Engineer presently engaged on both Unit 2 and Unit 3 notes.

PROGRESS REPORT

CONSTRUCTION

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of the contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Calvalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.- Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - June 1, 1977

Prime Contractor Joe Mayo and Sons, Inc. employed 1 to 2 men for four 9-hour shifts excavating and placing 238 lineal feet of protectors for 37% complete. Swan and Sons employed 4 to 5 men working eight 8-hour shifts seeding and fertilizing using 592 lbs. of live seed and 2456 lbs. of active fertilizer for 97% complete on both items. Subcontractor also working on "A" Avenue overpass on Proj. I-94-6(28)209 erecting 285 lin. ft. of protective screen making this item 100% complete. The project as a whole is estimated at 94% complete with 204 days used or 84% of the contract time elapsed. Construction layout is 97% complete with 1 to 2 men in the field office checking various construction notes and one man in the field on miscellaneous inspections.

I-94-6(29)226 UNIT I
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. - Rdwy
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

During the past period sub-contractor Swan and Son employed 4 to 6 men for four 8-hour shifts and one 4-hour shift building CM fence, also placed 7 cu. yds. of Class "A" Concrete for cattle guard reset right of Sta. 1274+ making fencing items 16% complete. Bridge sub-contractor F. L. Flynn & Company employed 6 to 13 men for ten 8-hour shifts. Work consisted of completing the driving of treated timber test piles and began driving treated timber service piling on Str. at Sta. 1105+14.13 (WBL). Deck slab forming work completed and began placing cap and deck slab reinforced steel on Str. at Sta. 1217+50 (WB). Also placed 16.5 cu. yds. Class "AD" Concrete for caps on Bents No. 2 and 3 (WB) for a total to date of 109 cu. yds. or 12% complete. Other bridge items and percent complete are: Structure Exc. Type 1, 55%; Reinf. Steel, 10%; Furnish and Drive Treated Timber Piling, 35% and Structural Steel is 32% complete. The project is estimated at 5% complete with no contract time charged to date. Six to eight engineers employed this past period.

RF-246(21)
LINDSAY-NORTH AND SOUTH
Length - 9.6 Miles
Grade, Aggr. Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Comp. Date - November 5, 1976

The project was completed November 5, 1976 with 201 of 237 calendar days or 85% of the contract time elapsed. Checking of final estimate and supporting data in the Division Office has been completed. This is the final report on this project.

RF-391(16), LAMBERT-EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1977

No work this past period. All items remain at 100% complete with the exception of seal and cover and final pavement marking. Crushing crew is working in the area and expects to return to the project to crush and stockpile cover material approximately May 15. The project as a whole is 75% complete with 63 days or 57% of the contract time elapsed. The construction layout is 100% complete. Engineering crew is engaged on other projects.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - Aug. 30, 1977

Sub-contractor completed small concrete drainage structures this past period, cut-off walls, edge protection and drain chute, 16 cubic yards of "DD" Concrete placed. Twelve man grading crew moved in on the project on April 5, have been working on equipment doing minor clean-up in ditches on the north end of the project and stripping topsoil in balances 1 and 2, no major operations underway as yet. Gravel crew began moving in on April 11 and plan to crush and stockpile all aggregates beginning April 14 working a double shift. Two man bridge crew worked two 4-hour shifts and applied protective coat to the bridge deck on April 6 and 7. Items and percent complete are: Unclassified Excavation 72%; Culverts 53%; Fencing 95%; Riprap 91%; "DD" concrete 100%. The road portion of the contract is 41% complete, bridge portion is 98% complete with handrail painting the only work remaining. The project as a whole is 46% complete with 97 days or 60% of the contract time elapsed. The construction layout is 100% complete. A five man engineering and inspection crew is assigned to the project.

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
B. F. Kelly, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period has been good. Contractor Joe Mayo & Son, Inc. worked ten 9-hour shifts employing 21 to 34 men. Work consisted in placing 65,000 cu. yds. of uncl. exc. making a total of 315,000 cu. yds. or 86% complete. Culvert crew installed 74 feet of 36" CSP making a total to date of 516 feet or 100% complete. Also installed 66 feet of 35 In. CSP Arch making this 100% complete. Two 8-hour shifts were worked producing and placing 3800 tons of Base Gravel 1 inch Grade 6A making a total of date of 9180 tons or 10% complete. The project as a whole is 51% complete with 137 working days used or 76% of contract time elapsed. Construction layout with three to nine men working is estimated to be 85% complete.

RS-394(3) WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Const. & S. Birch, Inc.
P. O. Box 2167, Great Falls, Mont. 59403
Dennis C. Tenney, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Oct. 28, 1977

Prime Contractor, McIntyre & Birch, began work on April 11, 1977 stripping and stockpiling topsoil. Anticipate start on grading operations on April 14, 1977 weather permitting. Two 8-hour shifts worked on topsoil item employing 3 men. Construction layout with a 4 man survey crew and 2 inspectors is estimated 80% complete. Project is 1% complete with no time charged to date.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
April 15, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending April 15, 1977.

GENERAL

The weather has been unseasonably warm for the first part of April. Road construction has been suspended for the winter. Off system roads and signing projects have also been suspended. The temperatures ranged from a low of 27 degrees to a high of 84 degrees.

PRECONSTRUCTION

F 1-8( ) Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--04-15-77 (PIH)

No man days used the past period. A total of 17 man days have been used on design to date. Design is approximately 45% complete.

F 32-2(1) Port of Scobey Access
Length - 0.1 Miles
Authorized--03-30-77
Location Survey Started--04-04-77
Location Survey Completed--

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est. Compl. Date--04-29-77 (PIH)

Six man days were used by Division office personnel plotting detail map, plotting cross sections and preparing design data. Design is approximately 5% complete.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--03-31-78

Five man crew worked 31 man days this past period and completed section corner recordations and ties and began topography of utility locations. Percentages complete on the 10.1 mile survey are as follows: Centerline, bench levels, centerline profile, profile plotted and section ties 100% complete; topography 5% complete. The project as a whole is 63% complete with 565 man days used to date.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--05-30-77 (PIH)

Twenty man days were used on location survey working on line revision at beginning of project. Location survey is 100% complete. Design started on 01-17-77, but has been suspended due to line change. Design remains 5% complete.

RS 248-2(2)18, Opheim-Scobey
Formerly S 8(12)
Length--4.4 Miles
Authorized Construction Staking

George L. Nelson, Field Proj. Mgr.
Scobey, Montana
487-5451

A five to eight man crew worked 65 man days this past period. Centerline was re-established station 80+56.7 to 322+52 for 100% complete. Bench and check levels were set for 100% complete. Referencing and RP line was completed from station 80+56.7 to 267+00 for 77% complete. Slope staking complete from station 80+56.7 to 125+00 for 18% complete. Construction layout as a whole is 25% complete.

TQS 250-1(2)37, Wolf Point N & E Loop
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized--12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

Proposed plans submitted to Helena for PIH prints on 01-10-77.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--12-15-76 (PIH)

The location survey is 100% complete on the staked line. Seven man days were used on design this period. A total of 159 man days have been used to date on design. Plans are 50% complete and ready for PIH prints. Waiting for determination of which construction alternate will be proposed. Work this period consisted of computing quantities on a 25' offset line with 26' and 28' roadways.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1050
Est. Compl. Date--05-30-77

RF 266(11), Macon-North (continued)

Centerline is 100% complete. Ownerships are 90% complete. Bench levels and topography are 50% complete. The project as a whole is 25% complete. 28 man days used this period for a total to date of 143 man days.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77

George Nelson, Field Proj. Mgr.
Scobey, Montana
Est. Compl. Date--05-15-77

One man worked two days checking notes and preparing utility topography notes. Levels and check levels have been completed for 100% complete. Referencing of centerline points is 90% complete. Topography has been completed stations 2075+00 to 2409+00 and 2459+00 to 2486+00 for 60% complete. Cross sectioning has been completed stations 2274+00 to 2280+00 and 2460+00 to 2485+00 including the bridge survey at the Poplar River for 10% complete. The survey as a whole is 46% complete with 266 man days used to date.

F 273(16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
Est. Compl. Date--05-15-77

No work on bridge site survey this past period, crew engaged on other projects. Survey suspended until crew is available.

CONSTRUCTION

RF 001-9-(001)644.2, Culbertson-Diamond Creek
Contract Let--03-31-77
Contract Awarded--04-01-77
Proceed Order Date--04-22-77
Work Started--
Bid Price--$85,761.00

Rehbein Contracting, Inc.
Plains, Montana
James E. Baldwin, Field Proj. Mgr.
Culbertson, Montana
787-5701
Working Days--30

Slope and pipe staking completed on project this past period. Job let to contract on March 31. Construction layout is 75% complete.

RS 15(17) & RS 202(6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--06-15-77

RS 15(17) & RS 202(6), Poplar-North and Brockton-North (continued)

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12)U-1, US #2-Dodson
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Field Proj. Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-01-77

No work on project the past period. Baltrusch Construction plans to remove the detour culvert from Dodson canal this week. Project remains 86% complete with 84% of the contract time elapsed. All personnel are assigned to other projects.

RF 240(13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76 (See S.P. 1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj. Mgr.
Wolf Point, Montana 653-1301
Working Days--45 (See Special Prov.)
Act. Compl. Date--03-25-77

Project is 100% complete. Final data submitted to Helena 04-15-77. This will be the last report.

SMP 2899-76, Maintenance Stockpiles
McCone, Prairie, Roosevelt & Wibaux Counties
Crush & Stockpile
Contract Let--11-18-76
Contract Awarded--11-19-76
Proceed Order Date--12-10-76
Bid Price--$224,375.00
Work Started--12-10-76

Francis Tindall, Contractor
Lewistown, Montana
Leroy Anderson, Mat'l Supr.
Wolf Point, Montana
653-1050
Working Days--120
Est. Compl. Date--04-19 77

Crushing and stockpiling in Pit No. 2840-35 McCone County, Pit No. 4330-58 Roosevelt County, Pit No. 2820-44 McCone County and Pit No. 5510-13 Wibaux County is 100% complete. Began hauling crushed aggregate from Pit No. 4010-10 Prairie County to maintenance yard at Terry. Project as a whole is 90% complete with 56% of the contract time elapsed.

Vernon D. Borden

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

April 15, 1977

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period ending April 15, 1977.

GENERAL

Temperatures ranging from +40 to +65 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I-90-8(77)455
Johnson Lane - Billings
Length 1.00 Miles
Survey Authorized 1-18-77
Work Started 1-20-77

D. C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Centerlines on the Base Lines for Ramp No. 1,2,3 & 4 and Johnson Lane have been completed. All Centerlines have been plotted on the hardshell. Cross-sections and profiles have been completed on Base Lines for Ramps No. 1,2,3, & 4 and Johnson Lane. Profiles for all Ramps and Johnson Lane have been plotted. The Section ties have been completed and are plotted on the hardshell. All property ties have been completed and are plotted on the hardshell. Topography has been completed on Ramp No. 1,2,3, & 4 and Johnson Lane and is plotted on the hardshell. Ownerships have been gotten and signatures from the Property Owners for the Permission to Survey forms have all been acquired. One man is working in the office on the hardshell and profiles and used 9 man days this reporting period for a total of 208.5 man days used. The field survey work is 100% complete and the office work is 90% complete. The survey as a whole is 95% complete.

I-90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Started 12-1-76

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Completion Date 12-13-77

All requested data has been forwarded to the Preconstruction Bureau.

U 53(18)Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76
Work Not Started

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

One man worked on this project during the last reporting period, designing drainage structures and plan in hand summary sheets. Design work is 40% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Work was suspended on February 20 and will continue when personnel are made available. Project is 2% complete.

RS-132(7) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-1-77

Two man days were used checking angles and distances in office obtained from electronic measuring device and theodolite. Four man days were used locating section corners. Ten man days were used making and checking new transit notes and co-ordinate sheets. Eight man days were used removing original centerline. (Nails and washers). Two man days were used working on hard shell. 17.5 man days were used re-running centerline. The project is 28% complete.

S 332-2(1) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

One man worked on this project during the last reporting period, checking field cross section notes for data processing key punch and groundline printout on the project extension. Design work is 52% complete and the estimated completion date is January 31, 1979.

RS 306-1(1) 0 Columbus-North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No design time was charged to this project during the last reporting period. Design work is 0% complete and the estimated completion date is April 1, 1982.

S 447-1(1) 29 Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-25-77

One man worked on this project during the last reporting period, adjusting grades to include the topsoil quantities as required by new design changes. Design work is 90% complete and the estimated completion date has been changed to May 27, 1977.

S 463-1(1)0 Lodge Grass- St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 20, 1977.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 5-1-77

A six man engineering crew worked six man days locating section corners this reporting period completing this project. 259 man days have been used on this project. The control work is 100% complete.

DP 314-1(1) Decker Railroad Crossing
1.0 Miles - Location Survey
Survey Authorized 3-8-77
Survey Started 3-17-77

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 5-30-77

A six man Engineering Crew worked seven days taking topography, cross sections and making section ties. All field work was completed on 4-7-77 and the survey data will be submitted to the Division Design Office on 4-12-77. The project is 85% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 12-1-77

No work was done by the Field Engineering Crew. All personnel assigned to the construction project I-90-9(34)491, I-90-9(49)510 and DP-314-1(1) survey locations. Control work is 100% complete.

CONSTRUCTION

I-IG 90-8(64)391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Contract Awarded 6-5-75
Work Started 6-26-76

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M. - Structures
Michael Zahn, F.P.M.- Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 5-15-77

The contractor did not work on the project during this period. The items are 100 %

I-IG 90-8(64)391 U1 & I-90-8(70)388 U3 Cont.

complete except for some patching and some clean-up work. The project is 99% complete with 80% of the contract time elapsed. No engineering personnel were assigned to the project during this period.

I-90-9(28)509 U1 and I-90-9(34)491 &
FI 188 (10) Garyyowen North & South
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 6-30-77

Work for the past two weeks consisted of Schmoll Construction, Inc. with four men for five 8-hour shifts, placing guardrail Lt. and Rt. of the Eastbound and Westbound lanes at the Crow Agency Interchange. Empire Sand & Gravel Co. had three men for five 8-hour shifts, overhauling their hot plant. The contract as a whole is 82% complete with 82% of the contract time elapsed. Two men are working in the office on the field notes, computations and white prints for the construction projects. The survey crew has been working on the I-90-9(49)510 and DP-314-1(1) location projects.

I-90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Started 8-23-76

Empire Sand & Gravel, Contractor
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for Seal Coat Operation. The project as a whole is 89% complete with 80% of the contract time elapsed.

I-94-1(37)50 Unit 1
Structure and Approaches Bighorn
River 0.22 Miles Yellowstone & Treasure Co's.
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date: 12-1-77

The contractor is moving equipment and materials on the project and the sub-contractor started removing riprap. Structure and approach staking and computations are 2% complete. Thirty-eight man days have been charged to the project this newsletter period.

I-94-2(17)60 U1 & I-94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Progress has been fair. Three working days lost to adverse weather conditions. Empire Sand & Gravel Co., Inc. contractor worked seven days crushing and hauling 3 inch Base Surfacing, 44,000 tons of this material and 5,000 ton of 1½ inch Base Surfacing. Eighteen men were employed working ten-hour shifts. Frank Gurney, Inc., sub-contractor, worked four eight-hour shifts on the Safety Upgrading portion of this project removing median rail. Twelve employees are presently assigned to this project. Construction layout remains 62% complete. Percent complete of the various items are as follows: Grading 97%, Surfacing 34%, Drainage 94%, Structure 97%, Fencing 76%, Signing 10%, Project as a whole 60%. 230 of the allotted 303 working days have now been used, making 67% of the contract time elapsed.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

Good progress. The contractor worked eight 8-hour shifts hauling 60,000 cubic yards of Unclassified Excavation between Stations 155+00 and 176+00 and between Stations 71+00 and 94+00. Topsoil was placed on the slopes between Stations 210+00 and 240+00 and the excavation and backfilling were completed on the structural plate pipe at Station 58+00. The structure crew worked seven 8-hour shifts. Deck slab and backwall forms are being erected at Station 69+62 and are 80% complete. Reinforcing steel was placed and tied for both backwalls at Station 69+62. Bozeman Sand & Gravel Co., sub-contractor, worked eighteen 8-hour shifts crushing and stockpiling 26,000 tons of 3/4" Top Surfacing and hauling 16,564 tons of 1½" Base Course from a stockpile to the roadway between Stations 260+00 and 356+00. Crushing and stockpiling of all base course and top course materials has now been completed. On the roadway items, the grading is 59% complete, drainage items are 42% complete, fencing is 85% complete and surfacing items are 16% complete. On the structures, all items remain as previously reported except reinforcing steel which is 16% complete. The structures as a whole are 32% complete. The project is 30% complete with 13% of the contract time elapsed. A total of 50 men were employed. Twelve persons were assigned to the project for engineering and inspection of roadway items, and a three man crew was engaged in structure layout and inspection. The structure layout is 45% complete and the roadway engineering layout is 24% complete.

RF 188 (9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

The Sub-contractor, Mark Rite Lines, Inc., worked one nine and one half hour shift and one six-hour shift with three men employed. Work in progress consisted of painting curb radi and the ends of curb openings. The striping work is now complete. A winter shutdown is in effect. The seeding on the project remains to be done. The Miscellaneous items are 90% complete. The Grading items are 100% complete. The Drainage items are 100% complete. The Surfacing items are 100% complete. The Curb and Gutter items are 100% complete. The Signing and Lighting items remain 95% complete. The Fencing items are 100% complete. The project as a whole remains 95% complete with 139 of the 186 working days allowed having been used or 75% of the contract time elapsed. One man has been working in the office and one man has been inspecting the striping. Engineering layout is 100% complete.

M 1006(1) Broadwater Avenue
12th to 14th Street West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The prime contractor, Cop Construction Co., had an average of two men employed and worked seven 8-hour shifts excavating, backfilling and compacting areas for 4" and 6" sidewalks Lt. and Rt. of Broadwater Avenue. The subcontractor, Barry O'Leary Inc., had an average of twelve men employed and worked seven 8-hour shifts forming and pouring 4" and 6" sidewalks and curb and gutter on Broadwater Avenue and 12th Street West. Hauled 2nd lift 1½" Base Course and 2nd lift of 3/4" Top Surfacing on 12th Street West. Total Gravel Surfacing is approximately 98% complete, Curb and Gutter-Concrete is 100% complete, Gutter-Concrete Valley 6 In. is 100% complete, Sidewalk-Concrete 4" is 95% complete, Sidewalk-Concrete 6" is approximately 80% complete. All other items remain the same as previously reported. Contract time elapsed has been 98 working days or 98% to date and five working days remain, with the contractor on a winter shut-down. Thirteen working days have been added through Change Orders. Engineering time charged to the project has been 43 man-days during the past reporting period. The project as a whole is approximately 94% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-1-77

The subcontractor, Barry O'Leary, Inc., had an average of three men employed and worked three 8-hour shifts hauling, processing and rolling 1½" Base Course from

M 1008(2) Central Ave. Ramp - Cont.

from Station 17+23 to Station 27+00. The subcontractor, Stolzenburg, Inc., had an average of three men employed and worked three-eight hour shifts removing curb and gutter Rt. of Montana Avenue. Excavation-Unclass. is approximately 90% complete and Base Course 1¼ In. Gr. 5A is approximately 85% complete. All other items remain the same as previously reported. Contract time elapsed has been 100 working days or 66% to date and 51 working days remain. The contractor is currently on a winter shut-down. Engineering time charged to the project during the past reporting period has been 15 man-days. The project as a whole is approximately 82% complete.

M 1018(2) & M 1099(2) U2
Interm Couplet 4th & 6th Ave.No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The prime contractor, Midland Electric Company, had an average of three men employed and worked eight 8-hour shifts pushing 1" & 2" Steel Conduit, forming and pouring Controller Cabinet Pedestal Type D and forming and pouring sign pole bases. Concrete-Class D is approximately 30% complete, Conduit Steel 1 In Rigid is approximately 60% complete, Conduit Steel 2 In Rigid is approximately 80% complete and Cont. Cab. Pedestal Type D is approximately 95% complete. No other items have been used during the past reporting period. No contract time has been used during the past reporting period. Engineering time charged to the project has been 11 man-days. The project as a whole is approximately 3% complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Amount $1,122,589.78
Contract Awarded 4-1-77
Work Not Started

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 12-1-77

The contractor has not started work. An eight man engineering crew has been working on notes, re-establishing centerline and referencing points. The project is 0 % complete with 0 % of the contract time elapsed. Construction layout is 2 % complete.

RS 129 (14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

The contractor did not work during this period. Bridge items are 100% complete. Grading items are 100% complete. Surfacing items are 91% complete. Seeding items are 93% complete. Drainage items are 100% complete. Guard Rail items are 100% complete.

RS 129(14) Columbus-Rapelje Cont.

Signing and Striping Items are 43% complete. Fencing Items are 99% complete. Construction layout is 98% complete. The project is 98% complete with 92% of the contract time elapsed.

DP-384-1(4)0 Hardin East
19.0 Miles - Pl. Mix Bit. Base Overlay, Seal & Cover, in Big Horn County
Contract Amount $845,091.24
Contract Awarded 4-1-77
Work Not Started

Border States Paving, Inc.
Fargo, North Dakota
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Probable Completion Date: 8-1-77

The contract for this project was awarded April 1, 1977. Work has not begun as of this date. One four man and one three man survey crew are running reference and poppy line. The Control points for the Centerline and Reference line have been located and set from Station 17+46.2 to Station 1038+11.2. The Reference line has been run from Station 17+46.2 to 203+00. The popply line has been run from Station 17+46.2 to 112+00. Engineering layout is 5 % complete.

HHS 212 (20) Lodge Grass - North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for seal coat operation. The project as a whole is 92% complete with 91% of the contract time elapsed.

HHS 4-2(1)52 U1 - Main St. & 1st Ave.-Laurel
Installation of traffic devices
0.01 Miles
Contract Amount $4,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Michael Zahn, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-30-77

The contractor has not started work. No engineering personnel have been assigned to the project. The project is 0 % complete with 0% of the contract time elapsed.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
April 15, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending April 15, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies, occasional wind, and above normal temperatures prevailed during the past period. Temperatures ranged from 34° to 81°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

S 252 (4) - 8 Mi. So. of Rosebud-South (South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 miles or 1% complete. The survey as a whole is 30% complete.

DP 252 (5) - Rosebud-South (Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94 (Center Section)
Length - Approx. 12.8 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 30, 1977
Survey Suspended: March 3, 1977

No work was performed on this photogammetry design survey during the past period. To date, levels have been run on 12.8 miles and drainage secured on 6.0 miles. 109 man days have been used to date.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: Feb. 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Mile
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: March 15, 1978

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Field Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

I 94-3 (29) 90 U-2 (Continued)....

Progress during the past period has been good. 33,000 cubic yards of unclassified excavation were moved making a total of 1,236,000 cubic yards or 86% complete. 2,000 cubic yards of unclassified borrow were moved making a total of 479,000 cubic yards or 95% complete. 324 lineal feet of RCP culvert were placed making a total of 1,294 lineal feet or 100% complete. To date, 3,502 lineal feet of CSP culvert have been installed or 96% complete. 2,391 rods of fence have been installed or 59% complete. 4,820 tons of plant mix type 3 have been placed or 10% complete. Seeding operations are 25% complete. Plant mix seal is 80% complete and SSPP culvert is 100% complete. The contractor worked five 9-hour shifts with 45 men employed. The structures as a whole are 63% complete. The project as a whole is 65% complete with 38% of the contract time elapsed. Construction layout, with a 10-man engineering crew engaged, is 76% complete.

I 94-3 (27) 114 - Hathaway-E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

Work in progress during the past period consisted of crushing and stockpiling 2,000 tons of 3/4" crushed top surfacing, making a total of 20,000 ton or 100% complete. To date, 34,668 tons of 1½" crushed base surfacing have been produced or 49% complete, 73,237 tons of 3" crushed base surfacing have been produced or 84% complete. The subcontractor worked seven 8-hour shifts during the past period with ten men employed. The project as a whole is 82% complete with 62% of the contract time elapsed. Construction layout, with a five-man engineering crew engaged, is 85% complete.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Amount of Contract: $678,362.60
Work Not Started

Baltrusch Constr. Co., Contractor
Havre, Montana
Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 80 Working Days
Probable Completion Date: August 1, 1977

A four-man engineering crew was assigned to this project March 21, 1977. To date, centerline has been run on 4.0 miles or 53% complete. 34 man days have been used. Construction layout, with a 4-man engineering crew engaged, is 22% complete. To date, the contractor has not advised us when he plans to start work. None of the contract time has elapsed.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued....

Progress during the past period has been fair. Plant mix operations were resumed on April 7, 1977. Since that time, 4,738 tons of plant mix bituminous base Grade 1 have been produced making a total of 28,507 tons or 43% complete. To date, Project RF 156 (17) has been completed through plant mix surfacing. The contractor worked two 10-hour shifts with 16 men employed. The project as a whole is 61% complete with 67% of the contract time elapsed. Construction layout, with an 8-man engineering crew engaged, is 84% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: Nov. 15, 1977

Progress during the past period has been fair. 40,000 cubic yards of unclassified excavation were moved making a total of 60,000 cubic yards or 10% complete. 504 lineal feet of 24" RCP culvert were installed making a total of 504 lineal feet or 30% complete. 148 lineal feet of 42" RCP culvert were installed making a total of 148 lineal feet or 100% complete. The contractor worked ten 9-hour shifts with 20 men employed. The project as a whole is 5% complete with none of the contract time elapsed. Construction layout, with a seven-man engineering crew engaged, is 58% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grad., Gravel Surf., & Plant Mix Bit. Surf.,; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Nov. 4, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions November 4, 1976. Formal inspection and acceptance were made November 9, 1976. The final estimate was submitted to Helena April 12, 1977. This will be a final report.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

April 15, 1977

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT

DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of April 2, 1977, through April 15, 1977.

GENERAL

The temperature varied from 74 degrees above to 8 degrees above with 0.48 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4/16/73. Bridge Situation Survey was submitted to Helena on 9/18/73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9/18/73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section, Helena, on 9/18/73. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. Sheets for Run No. 2 were received from Helena on 9/29/76. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 96% complete. The design as a whole is 25% complete with 129½ man-days expended to date.

continued...

F 8 (19) Martinsdale-East and Two Dot-West, continued...

A 6-man survey crew was assigned to this project 4/11/77 to get additional X-sections, topography, drainages and section ties. Work consisted of using 24 man-days in X-sectioning of new irrigation facilities and 6 man-days in closing of section ties for a total of 30 man-days.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on the project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: 12/13/76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Work during the past reporting period consisted of finishing taking topography, finishing river cross-sections, finishing taking drainage topography, plotting the profile, plan, and cross-sections. Items and percentages complete are as follows: centerline, bench levels, cross-sections, topography, profile plotted, drainage topography, and bridge situation, 100%; section ties, 40%; field notes checked, 80%; plotting cross-sections, 95%; plan plotted, 30%. A total of 480 man-days have been expended and the survey is 90% complete.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Work the past reporting period consisted of searching for section corners, with very poor success. Items and percentages complete are as follows: centerline, bench levels, land ownerships, cross-sections, topography, bridge situation and drainage, plotting profile, 100%; plotting plan, 90%; plotting and inking cross-sections, 30%; plotting cross-sections, 50%; plotting bridge situation data, 50%; checking field notes, 95%; section ties, 25%. A total of 655 man-days have been expended and the field survey work is complete with the exception of making section corner ties.

RF 235 (38) Stanford-East and West
Approximate Length: 8.00 Miles
Survey Authorized: 9/28/76
Survey Started: 1/31/77
Survey Suspended: 4/6/77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

continued...

RF 235 (38) Stanford-East and West, continued...

18 man-days were expended on 4/4 and 4/5/77 to utilize the distance measuring device to traverse centerline for closure. 162 man-days have been expended to date. Items and percentages of completion are as per the last report and work has been curtailed on the project due to construction requirements.

ER 72 (23) Lewistown-Southeast, Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Suspended: 7/29/76
Survey Resumed: 9/27/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office 11/15/76. The P.I.H. was held 4/8/77. 9 man-days were used making P.I.H. changes for 30% complete. The design as a whole is 68% complete with 62½ man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

A 3-4 man engineering crew worked 31 man-days this reporting period. 9 man-days were spent searching for section corners; 17 man-days were spent taking additional cross-sections; 3 man-days were spent checking field notes; 2 man-days were spent taking topography. Line run, levels run, BM's established, and ownerships checked, 100% complete; cross-sections, topography, and profile plotted, 100% complete; section ties and plan plotted, 33% complete; field notes checked, 66% complete. The survey as a whole is 90% complete with a total of 400 man-days worked.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No field work on the project this reporting period. Centerline, bench marks set, levels run and checked, roadway cross-section, topography taken, 100% complete; field notes checked remain 90% complete; section ties remain 60% complete; drainage areas and drainage recommendations, 80% complete; bridge situation survey is about 85% complete; plotting profile and plan, 100% complete. 9 man-days were expended this reporting period plotting, checking and inking bridge situation sheets. A total of 679 man-days have been expended to date and the survey remains about 96% complete.

DESIGN: Tracing plan and profile linens remain 90% complete; laying preliminary grades remain 85% complete. 10 man-days were used computing and drawing typical sections and summaries for 40% complete. The design as a whole is 10% complete with 46 man-days expended to date.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Utility Agreements for the Stanford and Windham Crossings were received by the Lewistown Office on 10/14/76 for the Windham Crossing, and 12/29/76 for the Stanford Crossing. The work on the Stanford Crossing was started on 11/8/76, and was completed 2/24/77. Work was started on the Windham Crossing 4/1/77.

SRS 4148 (51) Yogo Inn Crossing-Lewistown
Grade Crossing Signals
Off-System

No agreement for the project has been received by the Lewistown Office.

M 7103 (1) Airport Road-Lewistown — Unassigned At This Time
Approximate Length: 1/7 Miles
Survey Authorized: 12/6/76
Survey Started:

No work on this survey to date.

M 7106 (3) Spring Street, 8th-11th-Lewistown — Unassigned At This Time
Approximate Length: 1100.00 Feet
Survey Authorized: 12/6/76
Survey Started:

No work on this survey to date.

M 7109 (1) 4th Avenue-Lewistown — Unassigned At This Time
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey. Work will begin when a crew becomes available.

RS 42 (12) 6 Miles Northwest-Jordan — Unassigned At This Time
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey. Location and Design Public Hearing was held 10/19/76 in Jordan.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface, and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction Co. (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 Working Days
Completion Date: 11/19/76

The project was completed 11/19/76 with 94% of the allotted contract time used. Final Estimate and Supporting Data was submitted to the Division Office on or about 3/7/77 and will be submitted to the Construction Bureau 4/18/77.

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change, and Riprap
Fergus County
Contract Awarded: 8/30/76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working Days
Prob. Compl. Date: 5/1/77

Progress during the past reporting period has been good. The contractor worked 4 men, two 8-hour shifts. Work consisted of completing the application of seed, fertilizer, and mulch. The project is 100% complete with 97.6% of the contract time elapsed. The project was completed 4/14/77.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 6/1/77

No work has been accomplished on the project since last fall. Swan and Son, Inc. plan to begin hydro-seeding 4/15/77, with drill seeding starting 4/18/77. Items remaining to be completed are: seeding, fencing, signing, installation of two 50 foot sections of concrete curb and sidewalk, and final cleaning of project. The project as a whole is 96% complete with 75% of the contract working days expended. Construction layout is 100% complete with 2 engineering personnel assigned to the project.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing, Bridge
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Work accomplished during this reporting period consisted of drill seeding Area No. 1. To date 6.103 acres of Area No. 2, and 45.0 acres of Area No. 1 have been seeded, using 656 lbs. of seed, 3306 lbs. of fertilizer, 6.103 acres of mulch, wood cellulose fiber, and 18.5 hours of condition seedbed surface. Zook has 2 mechanics on the project working on construction equipment. 74% of the project is complete with 55% of the contract time elapsed. 1 inspector is assigned to the project, and the remaining engineering crew is assigned to other projects.

BRIDGE: 100% complete, pending guardrail touchup.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/5/76

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past reporting period has been poor due to the general wet condition of the project. The contractor started shaping up the gravel throughout the project 4/5/77, began crushing 1½ in. C.B.C. Type A, Grade 5 on 4/7/77, and began hauling the 3rd lift between Station 15+00 to Station 70+00 on 4/13/77. The contractor has 5-18 men employed and will be working the crusher one 8-hour shift per day, 5 days per week, and the gravel trucks and processing and laydown operation one 9-hour shift per day, 5 days per week. The project is 60% complete with 54% of the contract time elapsed. Construction layout with 7-10 engineering personnel assigned to the project remains at 87% complete.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing
Plant Mix Surfacing, Drain, Seal and
Cover, Signing, and Construct an 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Brothers Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 7/1/77

continued...

RS 450 (3) Denton-North, continued...

No work was done on this project the past reporting period. The contractor moved off the project until weather limitations will permit chip and seal operation. The project as a whole is 92% complete with 60% of the contract time elapsed. 5-6 men are checking on final quantities and summaries.

SMP 1499-76 Maintenance Stockpiles on Various Roads
Fergus, Judith Basin, Musselshell Petroleum, and Rosebud Counties
Crushing and Stockpiling
Contract Awarded: 11/19/76
Bid Price: $165,960.00
Work Started: 3/23/77

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 120 Working Days
Prob. Compl. Date: 7/11/77

Sub-contractor, Wickens Brothers, began producing ½ in. Grade 4A top surfacing 4/5/77 in Pit No. 4420-06, Rosebud County. Contractor's major equipment consists of 1 screening plant, 2 cone crushers, 1 belt scale, 1 platform scale, 2-631 scrapers, 1-D9 cat, and 1-988 loader. A 7-man crushing crew worked five 10-hour shifts and 3 men worked four 8-hour shifts stripping pit and pit cleanup. 2-631 scrapers were used to haul the material from the belt scales to the stockpile site, a distance of 0.61 miles. 15,000 tons of material were produced and stockpiles with 9,150 ton miles of haul aggregate. Stockpile was completed 4/12/77. 1 inspector is assigned to this project. 22% of the project is complete with 52% of the contract time elapsed.

ROS 4144 52 Unit 4 and Unit 13 - Roundup
Guardrail Installation
Contract Let: 2/28/77
Contract Awarded: 2/28/77
Contract Amount: $25,223.00
Work Not Started

Frank Gurney, Inc., & Subsidiary
Spokane, Washington
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Contract Time: 30 Working Days
Prob. Compl. Date: 6/15/77

Preconstruction Conference was held 4/12/77 in the Lewistown Division Office. The contractor plans to begin work on the project 5/1/77.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/ljl

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

APRIL 11, 1977

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

April 11, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	60	48 Oct. 1977	R. J. Studer & Sons $2,759,751.00